DRYPIX Smart Specifications

**System Configuration**

**Specifications are subject to change without notice.**

**All brand names or trademarks are the property of their respective owners.**

**In some countries, regulatory approval may be required to import medical devices.**

**For the availability of these products, please contact your local sales representatives.**

---

**DRYPIX Smart Specifications**

**Standard Components**

- Fuji MEDICAL Dry Laser Imager DRYPIX Smart
  - Model: DRYPIX 6000

**Recording method**

- Light exposure, thermal development system

**Applicable film**

- Fuji Medical Dry Imaging Film
  - FKI (blue base)
  - FKI (blue base)

**Film loading**

- 1GB

**Image memory**

- DICOM network input

**Density adjustment**

- Automatic

**Film size**

- 50 µm (508 dpi)/100 µm (254 dpi)

**Pixel size**

- 50 µm (508 dpi)/100 µm (254 dpi)

**Film magazines**

- 2 Magazines (Standard configuration)

**Processing capacity**

- Approx. 80 sheets/hour (35 x 43 cm (14” x 17”))

**Dimensions**

- 630 (25") x 610 (24") x 893 (35") mm

**Weight**

- 104 kg (229.3 lbs.)

**Power Supply Conditions**

- Input voltage: AC100-240V/Single phase
  - Frequency: 50-60Hz

**Environmental Conditions**

- Operating temperature: 15-30°C
  - Humidity: 40-70%RH (at 15°C) to 15-70%RH (at 30°C)

---

**Outstanding performance, remarkable efficiency and superb quality satisfy your medical imaging needs.**
The most advanced DRYPIX has arrived, assisting smooth diagnoses

DRYPIX Smart, backed by Fujifilm’s extensive experience in dry imaging, always delivers superior quality images to satisfy various needs of multi-department hospitals. Despite its compact size, enabling use anywhere in a medical facility, throughput is extremely high with no compromise on image quality.

- **Compact and highly efficient**
- **High throughput**
  DRYPIX Smart boasts a world-class high throughput speed of 80 sheets per hour with 14” x 17” film. It will help reduce the patient’s waiting time and greatly increase the efficiency of examination workflow.
- **Two trays to achieve more versatility**
  The DRYPIX Smart accommodates multiple film sizes. It is equipped with two universal film trays which enable printing on two different film sizes at the same time.
- **High resolution and high maximum density**
  Offering high resolution of 508 dpi and a maximum density of 4.0*, the DRYPIX Smart is ideal for mammography which requires high definition images.
  *When the DI-ML film is used.

- **Image processing engine which provides high-quality images**
  Advanced Variable Response (A-VR) Spline Interpolation Fujifilm’s A-VR automatically detects and distinguishes between image data and alphanumeric characters, ensuring clear, sharp alphanumerics even when noisy images require smooth interpolation of image data. Benefits include easier, faster and more accurate diagnosis.

### Quality Control

DRYPIX prints a 24-step grayscale pattern to film, and then measures its density. This feedback system allows precise and subtle image adjustments (FDC: Auto Film Density Correction) to be made. Several kinds of test pattern images for the QC of mammograms are incorporated into DRYPIX Smart.

### SAR (Smooth Curve Arranging)

Smooth Curve Arranging (SAR) on DRYPIX not only offers the most suitable image tones for modalities such as CT and MRI, but also allows adjustment of the tones to best match the diagnostic needs of individual patients. What’s more, SART also carries information on a wide range of modalities from different manufacturers to enable precise matching of image tone to specific modality.

### DI-HL and DI-ML films

The high quality DI-HL and DI-ML films contribute to producing clear images on the DRYPIX Smart. These films have a neutral color tone that produce images comparable to those made by wet processing.

### ECO-DRY SYSTEM

DRYPIX’s ECO-DRY system is environmentally friendly, films to processing. DRYPIX medical films employ unique aqueous solvents that are free from any harmful solvent and create excellent gradation image on copy. They’re low-volatile, 3.5% biodegradable and friendlier to nature. Additional ECO-DRY advantages include easy disposal of each batch-ending technology, which is unique to the company’s wet halide imaging system and the thermal development of light sensitive materials.

### Throughput

**High quality images for more versatility**

Throughput: 80 sheets/hr.

Applicable for mammography (508 dpi)

*with 14” x 17” film*
Highly efficient dry imager quickly offering excellent quality images for wider purposes

DRYPIX Smart Specifications

**System Configuration**

**DRYPIX Smart Specifications**

**Standard Components**
- Fuji MEDICAL Dry Laser Imager DRYPIX Smart (Model: DRYPIX 6000)

**Recording method**
- Laser exposure thermal development system

**Applicable film**
- Fuji Medical Dry Imaging Film
- DI-HL (blue base)
  - 35 x 43 cm (14” x 17”)
  - 35 x 35 cm (14” x 14”)
  - 26 x 36 cm (10” x 14”)
  - 20 x 25 cm (8” x 10”)
- DI-ML (blue base)
  - 26 x 36 cm (10” x 14”)
  - 25 x 30 cm (10” x 12”)
  - 20 x 25 cm (8” x 10”)

**Film loading**
- Daylight film loading

**Film Type**
- 2 trays (5 sizes of film are available by changing film trays)

**Processing capacity**
- Approx. 80 sheets/hour (35 x 43 cm (14” x 17”))

**Film size**
- 50 x 50 mm (2 x 2”) to 100 x 100 mm (4 x 4”)

**Processing resolution**
- 10 bits

**Image memory**
- 1GB

**Density adjustment**
- Automatic

**Signal channel**
- DICOM network input + 1 channel only

**Dimensions**
- 610 (24”) x 630 (25”) x 893 (35”) mm

**Weight**
- 104 kg (229.3 lbs.)

**Power Supply Conditions**
- Input voltage: AC100-240V/ Single phase
- Frequency: 50-60Hz

**Environmental Conditions**

Outstanding performance, remarkable efficiency and superb quality satisfy your medical imaging needs.